**FIGURE 1**

(PRIOR ART)



CONTROL COMPUTER

16

X-Y-Z Positioner "A"   14A

X-Y-Z Positioner "B"   14B

15

PULSER

SW

18

Meter Resistance Measure

17

Defect 10

13B

19A

13A

12A

(19) Network

(12) Network

11 Substrate